

CLAIMS:

1. In a manual propelling vehicle that a user grips its handle and travels with the vehicle tilted with wheels as fulcrums, a powered manual propelling vehicle, comprising a motor for driving wheels, a battery as a power source for the motor and a control section for controlling the motor, wherein:

the vehicle is distributed its weight such that a center of gravity of the entire vehicle is located substantially on a vertical line intersecting an axis of rotation of the wheels when the vehicle is running.

2. The powered manual propelling vehicle according to claim 1, wherein the weight of the entire vehicle is a weight including a baggage loaded.

3. The powered manual propelling vehicle according to claim 1, wherein the centers of gravity of the motor and the battery are positioned on the side opposite to the handle with respect to the vertical line intersecting the axis of rotation of the wheels when the vehicle is running.

4. In a manual propelling vehicle that a user grips its handle and drives with the vehicle tilted with wheels as fulcrums, in which a powered manual propelling vehicle has a case for containing a loaded baggage therein and which is formed integrally with the vehicle.

5. In a manual propelling vehicle that a user grips its handle

and travels with the vehicle tilted with wheels as fulcrums,

a powered manual propelling vehicle, comprising a motor for driving wheels, a battery as a power source for the motor, a control section for controlling the motor and a carrier provided with the

5 wheels, wherein:

the motor, the battery and the control section are mounted on the carrier.

6. In a manual propelling vehicle that a user grips its handle
10 and drives with the vehicle tilted with wheels as fulcrums,

a powered manual propelling vehicle, comprising motors for driving the wheels, a battery as a power source for the motors, a control section for controlling the motors and a carrier provided with the wheels, wherein:

15 the carrier is mounted foldably.

7. In a manual propelling vehicle that a user grips its handle and drives with the vehicle tilted with wheels as fulcrums,

a powered manual propelling vehicle, comprising motors for
20 driving the wheels, a battery as a power source for the motors, a control section for controlling the motors and a carrier provided with the wheels, wherein:

the wheels are disposed as a pair on both sides, and the motors are disposed each for the each of pair of wheels disposed on both
25 sides.

8. The powered manual propelling vehicle according to any one of claims 1 to 7, wherein the motor, the battery and the control

section are connected by a harness for the power or a harness for a signal line.

9. The powered manual propelling vehicle according to any one
5 of claims 1 to 8, wherein the handle is provided with a manual switch for operating the motor.

10. The powered manual propelling vehicle according to any one
of claims 1 to 8, wherein the manual switch is a rotary switch,
10 a seesaw switch or a push switch.

11. In a manual propelling vehicle that a user grips its handle and travels with the vehicle tilted with wheels as fulcrums,
a powered manual propelling vehicle, comprising a motor for
15 driving wheels, a battery as a power source for the motor, a control section for controlling the motor and having a traveling speed detecting means for detecting the traveling speed of the vehicle, wherein:

the control section sets the target traveling speed of the
20 cart and the upper limit of the torque of the motor according to the traveling speed detected by the traveling speed detecting means, and controls the motor such that the traveling speed agrees with the target traveling speed within a range that the torque of the motor does not exceed the upper limit of the torque.

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12. The powered manual propelling vehicle according to any one of claims 1 to 11, wherein the motor and the wheels are coupled via an electromagnetic clutch.

13. The powered manual propelling vehicle according to any one of claims 1 to 12, wherein the motors and the wheels are coupled via a one-way clutch.

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14. The powered manual propelling vehicle according to any one of claims 1 to 13, wherein a tilted state detecting means for detecting the tilted state of the vehicle is provided, and the control section controls the motors according to the tilted state
10 of the vehicle detected by the tilted state detecting means.

15. The powered manual propelling vehicle according to any one of claims 1 to 14, wherein the vehicle is provided with a module capable of communicating with the outside.

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16. The powered manual propelling vehicle according to any one of claims 1 to 15, wherein the forward end of the handle is slidable, and a liquid crystal display is mounted on the forward.

20 17. The powered manual propelling vehicle according to claim 16, wherein the vehicle is provided with a case body, and the liquid crystal display is so provided to be positioned within the case body when the handle is retracted.

25 18. The powered manual propelling vehicle according to any one of claims 1 to 17, wherein the vehicle is provided with the case body containing a golf club therein, the golf club has an IC chip attached, the case body is provided with an antenna and also a

detection device for detecting an identification code of the IC chip, and the identification code of the IC chip is detected by the detection device to identify the movement of the golf club when the IC chip passes near the antenna.

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19. The powered manual propelling vehicle according to claim 18, further comprising means for judging the movement of the vehicle, wherein the detection device detects that the golf club is not returned to the case body and issues a voice or shows on the liquid
10 crystal display according to the means which judges the movement of the cart.